



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 36] नई दिल्ली, शनिवार, सितम्बर 3, 1988 (भाद्रपद 12, 1910)
No. 36] NEW DELHI, SATURDAY, SEPTEMBER 3, 1988 (BHADRA 12, 1910)

(इस भाग में सिद्ध पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके)
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office Relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 3rd September 1988

ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates,
III Floor, Lower Patel (West),
Bombay-400 013.

The States of Gujarat, Maharashtra,
and Madhya Pradesh, and the Union
Territories of Goa, Daman and Diu
and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
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New Delhi-110 005.

The States of Haryana, Himachal
Pradesh, Jammu and Kashmir, Punjab,
Rajasthan and Uttar Pradesh and
the Union Territories of Chandigarh
and Delhi.

1—227 GI/88

Telegraphic address "PATENTOFIC".

Patent Office Branch,
61, Wallajah Road,
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The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu,
and the Union Territories of
Pondicherry, Laccadive, Minicoy
and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
"NIZAM PALACE", 2nd M. S. O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Rest of India

Telegraphic address "PATENTS".

All applications, notices, statements or other documents
or any fees required by the Patents Act, 1970 or the Patents
Rules, 1972 will be received only at the appropriate Offices
of the Patents Office

Fees :—The fees may either be paid in cash or may be
sent by Money Order or Postal Order, payable to the Con-
troller at the appropriate Offices or by bank draft or cheque,
payable to the Controller drawn on a scheduled bank at the
place where the appropriate office is situated.

(839)

APPLICATION FOR PATENTS FILED AT
THE HEAD OFFICE234/4, ACHARYA JAGADISH BOSE ROAD
CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under Section 135, of the Patents Act, 1970.

The 28th July 1988

625/Cal/88. Sotralentz S.A. Procedure and Plant for the manufacture of a Bung-Barrel made from thermoplastic Synthetic material and the Bung-Barrel produced according to this Procedure.

626/Cal/88. Mitsu Toatsu Chemicals, Incorporated. Anionically-Polymerized-Rubber Modified Styrene Copolymers.

627/Cal/88. National Computer Systems, INC.. Scannable Document Velocity Detector.

628/Cal/88. Indian Institute of Technology. Dr. P. K. Chattapadhyay, Sri P. R. Chandrasekhar. Novel Puffing Machine for Cereals.

629/Cal/88. Goldstar Co. Ltd. Timer Circuit.

The 29th July 1988

630/Cal/88. Karl Glockenstein. Wall Panel Arrangement.

631/Cal/88. Etablissements Morel-Ateliers Electromecaniques De Faviers. Cartridge for injecting a mixture of two liquid constituents.

632/Cal/88. E. I. Du Pont De Nemours And Company. An azeotrope or azeotrope-like composition of trichlorotrifluorothane, methanol and 1, 2-dichloroethylene.

633/Cal/88. Vsesojuzny Nauchno-Issledovatel'skiy Institut Meditsinskoi Tekhniki. Device for Treatment of Sexual Impotence in Human Males.

634/Cal/88. KTR Kupplungstechnik GmbH. Fixed axial and angularly moveable tooth coupling.

635/Cal/88. Miba Gleitlager Aktiengesellschaft. A heavy duty sliding surface bearing.

The 1st August 1988

636/Cal/88. M & T Chemicals Inc. Multiple, Parallel Packed Column Vaporizer.

637/Cal/88. Klein, Schanzlin & Becker Aktiengesellschaft. A bearing housing for horizontal or vertical shaft of prime movers or driven machines.

638/Cal/88. Proizvodstvennoe Obiedinenie "Nevsky Zavod" Imeni V. I. Lenina. Centrifugal compressor with a seal oil reservoir.

639/Cal/88. Norton Company. Preparation of microcrystalline boehmite and ceramic bodies.

640/Cal/88. Westinghouse Electric Corporation. Improvements in or relating to passively cooled catalytic combustor for a stationary combustion turbine.

641/Cal/88. Westinghouse Electric Corporation. Improvements in or relating to repairable transformer having amorphous metal core.

642/Cal/88. Westinghouse Electric Corporation. Improvements in or relating to rotary combustor with efficient air distribution.

643/Cal/88. SICO Incorporated. Mobile folding choral riser.

The 2nd August 1988

644/Cal/88. Adolf Herbert Astor Zielinski. Method and apparatus for converting energy from the environment into electric energy.

645/Cal/88. R. J. Reynolds Tobacco Company. Smoking article with improved mouthend piece.

646/Cal/88. R. J. Reynolds Tobacco Company. Smoking article with improved wrapper.

647/Cal/88. Beloit Corporation. Improvements in or relating to press rolls. (Convention dated 8th August, 1987) U. K.

648/Cal/88. Schorling GmbH & Co. Waggonbau. Refuse-collecting vehicle.

649/Cal/88. Hoechst Aktiengesellschaft. Process for the preparation of waters-soluble azo compounds. [Divisional dated 17th March, 1986].

650/Cal/88. Hoechst Aktiengesellschaft. Process for the preparation of water-soluble azo compounds [Divisional dated 17th March, 1986].

The 3rd August 1988

651/Cal/88. Orissa Cement Limited. Process for the manufacture of basic refractory bricks.

652/Cal/88. Orissa Cement Limited. Process for the manufacture of basic refractory bricks

653/Cal/88. Md. Shams Jawed Shamsi. Automatic Generators (Without natural oil).

654/Cal/88. Shri Baddi Nath Das. Super musical bed.

655/Cal/88. SOREIS. Cheeking device, particularly for the hanging roof in mines, underground working points, or heading and similar.

656/Cal/88. Lanxide Technology Company, I.P. Method of making ceramic composite articles and articles made thereby.

657/Cal/88. Eaton Corporation. Auxillary transmission section shift control system.

658/Cal/88. Siemens Aktiengesellschaft. Arcing chamber with resilient clamping device. [Divisional dated 15th January, 1985]. W. Germany.

659/Cal/88. Lanxide Corporation. A method for producing a self-supporting ceramic body. [Divisional dated 15th March, 1985]. U.S.A

APPLICATION FOR PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-5.

The 4th July 1988

563//Del/88. Samir Mukherjee and Sudhir Kumar Gupta. "An improved leak proof closure assembly for container".

564//Del/88. Sing-Hsiung Chang and Mei Zyh Chang. "Wettable, hydro-philic soft and oxygen permeable copolymer compositions".

565//Del/88. Council of Scientific and Industrial Research. "The use of seminal plasmin a protein isolated from mammalian semen for prevention and treatment of human beings infected with human immuno deficiency virus".

566//Del/88. Societe Nationale D'Etude Et De Construction De Moteurs D'Aviation "S. N. E. C. M. A.," Formation of protective coatings by electrolytic codeposition of a nickel-cobalt matrix and ceramic particles".

567/Del/88. Taurus Gumiipari Vallalat, "Hose connecting system and method for providing the hoses with connections".

The 5th July 1988

568/Del/88. Alcan International Ltd., "Air cathodes and materials therefor".

569/Del/88. Doir Oliver Incorporated & Alko Ltd., "A process for steeping corn".

570/Del/88. Yves De Coster, "Vacuum ensiling process".

571/Del/88. The Goodyear Tire & Rubber Company, "A pneumatic tire having a reversed bead tie-in".

572/Del/88. Imperial Chemical Industries Plc., "Disperse dye".

(Convention date 22nd July, 1987) (U.K.).

573/Del/88. Hughes Aircraft Co., "Gas permeable electrode for electro-chemical system".

The 6th July 1988

574/Del/88. The Lubrizol Corporation, "Magnesium over-basing process".

575/Del/88. Astra-Vent AB., "An arrangement for transporting air".

576/Del/88. George Geladakis, "Arrangement for wireless earphones without batteries and electronic circuits, applicable in audio-systems or audio-visual systems of all kinds".

577/Del/88. The Lubrizol Corporation, "Lower alkene polymers".

578/Del/88. York Linings (International) Ltd., "Tile mounting system".

(Convention date 6th July, 1987) (U.K.).

579/Del/88. The Lubrizol Corporation, "Spin fiber lubricant compositions".

580/Del/88. General Foods Corporation, "Process for a non-clouding, concentrated tea extract".

581/Del/88. General Foods Corporation, "Coffee decalcification with caffeic acid".

The 7th July 1988

582/Del/88. Peavey Electronics Corporation, Loudspeaker enclosure".

583/Del/88. Anderson Strathclyde PLC., "Mining machine". (Convention date 8th July, 1987) (U.K.).

584/Del/88. Digital Equipment Corporation, "BCD adder circuit".

585/Del/88. General Foods Corporation, "A rapidly solubilized calcium fumarate".

The 8th July 1988

586/Del/88. La Telemecanique Electrique, "Electromagnet with permanent magnet held by a cage".

587/Del/88. Zaklady Azotowe im. F. Dzierzynskiego, "Method and apparatus for oxidation of hydrocarbons".

588/Del/88. Pipe Liners, Inc., "Improved pipe liner process and apparatus".

589/Del/88. International Business Machines Corporation, "Computer system with mode conversion of computer commands". (Convention date 10th December, 1987) (U. K.).

The 11th July 1988

590/Del/88. Associated Electronics Research Foundation, "36 cms Black and White TV chassis -S14 BWN".

591/Del/88. Associated Electronics Research Foundation, "STD monitoring system model No. COMM/8702".

592/Del/88. Raghu Nath Dass, "The multi purpose loom".

593/Del/88. Council of Scientific and Industrial Research, "A device for burning biomass for domestic cooking and like purposes".

594/Del/88. Digital Equipment Corporation, "Shielded-coaxial-cable detector for local-area networks".

595/Del/88. Digital Equipment Corporation, "Apparatus for computing multiplicative inverses in data encoding and decoding devices".

The 12th July 1988

596/Del/88. Shell Internationale Research Maatschappij B. V., "Process for advancing epoxy resins comprising up to 10% wt. of water".

597/Del/88. Uniroyal Chemical Co. Inc., "Tire having tread composition comprising an improved processing aid".

The 13th July 1988

598/Del/88. Council of Scientific & Industrial Research, "Electrochemical method for the preparation of magnesium chloride".

599/Del/88. Lucas Industries Public Ltd. Co., "Improvements in self-energising disc brakes". (Convention date 22nd July, 1987, 7th December, 1987 and 1st February, 1988) (U. K.).

600/Del/88. Frau S.P.A., "An improved centrifugal separator with rotating seals on the fixed upper head".

601/Del/88. AVI. Gesellschaft Fur Verbrennungskraftmaschinen UND Messtechnik MBH, "A two-stroke internal combustion engine with crank case & scavenging".

The 14th July 1988

602/Del/88. Rajender Kumar, "Pneumatic door closer".

603/Del/88. Sultan Singh Jain, "A signal sensor".

604/Del/88. Nicolas Garcia Diaz, "Simulified microscope".

The 15th July 1988

605/Del/88. Wilfried Dreyfuss & Thomas E. Remp, "Pipe end protector".

606/Del/88. Hans Jorgen Ostergaard, "A method, a compound, and a blowing agent for making plastic foam".

607/Del/88. Shell Internationale Research Maatschappij B. V., "A process for preparing a solid catalyst component for 1-alkene polymerization". [Divisional date 20th May, 1986] (Convention date 22nd May, 1985) (U. K.).

608/Del/88. Sulzer Brothers Limited, "A fossil fired steam-raising plant".

609/Del/88. Council of Scientific & Industrial Research, "Multi purpose screw driver for use in fitting and dismantling of different types of screws".

APPLICATIONS FOR PATENTS FILED AT THE
PATENT OFFICE BRANCH, 61, WALLAJAH ROAD,
MADRAS-600 002

The 11th July 1988

485/Mas/88. Alcan International Limited. Method of producing fine particles. (July 9, 1987; Great Britain)

486 Mas/88. Compagnie Generale Des Etablissements Michelin-Michelin & CLE. Inflation and deflation of a tire in rotation.

487/Mas/88. Eniricerche S p A and Enichem Augusts S p A. Dehydrogenation catalyst, process for its preparation and its use in producing linear olefine from linear paraffins.

488/Mas/88. Seibulite International Kabushiki Kaisha. Double layer pavement marking sheet material.

489/Mas/88. Formulab International Limited. A cognisant system. (July 10, 1987; Australia).

The 12th July 1988

490/Mas/88. T. V. Jagadeesan, S. Jeyaraj & P. Thamizh Selvan. Inflator valve.

491/Mas/88. The Dow Chemical Company. Curing agent compositions, laminating varnishes containing same and laminates prepared therefrom.

492/Mas/88. A. Ahlstrom Corporation. Circulating fluidized bed reactor.

493/Mas. 88. Takeda Chemical Industries, Ltd. Unsaturated amines, their production and use.

The 13th July 1988

494/Mas/88. Optics Nova ONAB AB. Projector apparatus

The 14th July 1988

495/Mas/88. Ferrunicoop. Magnetic tape as information carrier.

The 15th July 1988

496/Mas/88. General Motors Corporation. Locomotive and motorized self-steering radial truck therefor.

497/Mas/88. Cobarr S.p.A. A method for the reduction of impurities in polyester resins.

498/Mas/88. Roger H. Gicvanetto. Method for the recovery of steviosides from plant raw material.

499/Mas/88. India Nippon Electricals Ltd. An electronic speed limiter for two wheeler motor vehicles.

ALTERATION OF DATE

163272.
(712/Del/85).

Ante dated to 28th May 1982.

163280.
(170/Del/86)

Ante date to 30 May, 1983.

163290.
(572/Cal/86)

Ante date to 26th February, 1983.

163297.
(1010/Mas/84)

Ante dated to 21 December, 1982.

163310.
(153/Cal/87)

Ante dated to 3rd January, 1984.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Patent Office, Calcutta and its branches at Bombay, Madras and New Delhi at two rupees per copy :—

(1)

156749.

(2)

156764 156765 156766 156767 156768 156769 156770
156771 156772 156773 156774 156775 156776.

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156784 156785 156786 156787 156788 156789 156790
156791 156792 156793 156794.

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156802 156803 156804 156805 156806 156807 156808
156809 156810.

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156811 156812 156813 156814 156815 156816 156817
156818 156819 156820 156821 156822 156823 156824
156825 156826 156827 156828 156829 156830 156831

PATENTS SEALED

152017 154164 154858 158156 159020 159746 159908
160041 160042 160047 160086 160092 160231 160456
160845 160846 160847 160854 160873 160886 160907
160927 160934 160951 160972 160973 161023 161026
161030 161052 161053 161055 161057 161070 161073
161082 161089 161107 161113 161123 161126 161135
161152 161167 161173 161175 161177 161178 161211
161213 161214 161221 161224 161229 161236 161237
161238 161239 161242 161247 161249 161250 161253
161254 161261 161262 161263 161307 161312 161347
161396 161397 161404 161407 161440 161583 161588
161589 161591 161598.

No. of patents sealed monthwise from 1st January, 1988 to 29th July, 1988.

	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	TOTAL
INDIAN :	54	56	67	45	100	108	87	517
FOREIGN :	185	118	133	138	224	280	329	1407
TOTAL :	239	174	200	183	324	388	416	1924

RENEWAL FEES PAID

141505	142853	143762	144019	144410	144466	144562	142181	142182	142186	142187	142189	142190	142195
145246	145359	145617	145637	145703	145776	145818	142203	142204	142205	142208	142209	142210	142213
145973	145997	146237	146238	146239	146240	146243	142214	142216	14222	142223	142224	142226	142227
146262	146365	146907	147282	147818	147835	147904	142228	142230	142231	142232	142233	142234	142241
148081	148330	148475	148748	148755	149057	149077	142245	142246	142249	142250	142251	142252	142255
149107	149122	149167	149172	149177	149236	149294	142256	142258	142260	142261	142263	142264	142265
149295	149296	149297	149583	149818	149894	150071	142269	142076	142078	142079	142082	142083	142084
150100	150121	150122	150204	150406	150432	150589	142085	142086	142087	142090	142092	142093	142095
150642	150673	150916	150917	150934	150953	151088	142096	142098	142101	142106	142110	142111	142112
151089	151117	151118	151119	151120	151383	151465	142113	142115	142117	142119	142120	142121	142124
151522	151536	151586	151624	151641	151711	151737	142125	142126	142128	142129	142132	142133	142137
151862	151991	152044	152056	152149	152219	152420	142138	142140	142142	142143	158758.		
152447	152578	152706	152722	152739	152742	152966	CLAIM UNDER SECTION 20(1)						
152988	153013	153124	153125	153604	153747	153862	The claim made by IEL Limited under Section 20(1) of the Patents Act, 1970 to proceed the application for application No. 180/Bom/1986 in their name has been allowed.						
153935	153938	154070	154134	154219	154223	154255							
154339	154388	154416	154441	154574	154575	154629	RESTORATION PROCEEDINGS						
154796	154824	154898	154952	155213	155226	155360	(1)						
155867	155883	156136	156389	156577	156579	156953	Notice is hereby given that an application for restoration of Patent No. 149765 dated the 9-1-79 made by Hindustan Lever Limited on the 22-4-87 and notified in the Gazette of India, Part III, Section 2 dated the 26-12-87 has been allowed and the said Patent restored.						
157144	157153	157197	157205	157316	157330	157360							
157977	157991	158044	158153	158214	158216	158222	(2)						
158230	158232	158255	158325	158326	158328	158483	Notice is hereby given that an application for restoration of Patent No. 153834 dated the 16-11-82 made by Conveyor Equipment Company Private Limited on the 1-7-87 and notified in the Gazette of India, Part III, Section 2 dated the 12-12-87 has been allowed and the said Patent restored.						
158548	158595	158684	158719	158722	158727	158809							
158811	158813	158819	158827	158868	158872	158903	(3)						
158932	159143	159164	159193	159210	159245	159281	Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 144459 granted to T. T. (Private) Limited for an invention relating to "improvements in or relating to pressure cookers".						
159286	159306	159352	159357	159361	159396	159461							
159510	159518	159528	159538	159539	159542	159598	The Patent ceased on the 15-4-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated 11-6-88.						
159599	159616	159638	159655	159701	159713	159714							
159769	159773	159774	159804	159805	159806	159833	Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-700017 on or before the 3rd						
159842	159844	159846	159847	159919	159920	159933							
159938	159948	159949	159974	159981	159983	160006	CESSATION OF PATENTS						
160030	160031	160055	160079	160081	160115	160116	142147	142159	142161	142162	142163	142164	142165
160152	160153	160154	160155	160158	160160	160124	142167	142170	142174	142176	142177	142178	142179
160152	160153	160154	160155	160158	160160	160224							
160325	160327	160368	160371	160714	160718	160721							
160801	160802	160805	160807	160815	160853	160893							
160965	160966	160968.											

CESSATION OF PATENTS

142147	142159	142161	142162	142163	142164	142165
142167	142170	142174	142176	142177	142178	142179

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-700017 on or before the 3rd

November 1988 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF ASSIGNMENTS LICENCES ETC (PATENTS)

Assignments, Licences or other transaction affecting the interests of the original Patentees have been registered in the following cases. The number of each case is followed, by the names of the parties claiming interest.

149178

M/s. DEVI PROTINUTS & COMPANY
150457.

REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 158551. Hawkins Cookers Limited, F-101 Muker Towers, P.O. Box 16083, Cutte Parade, Bombay-400005, Maharashtra, India, an Indian Company. "Pressure Cooker". 17th July, 1987.

Class 1. No. 159372. Polar Fan Industries Limited, of Poddar Point, 113, Park Street, 8th floor, Calcutta-700016, West Bengal, India, an Indian Company. "Ceiling Fan". 4th February, 1988.

Class 1. No. 159403. NPF Type Foundry, 73, Maddox St. Choolai, Madras-7 T. Nadu, India, an Indian Partnership Firm. "Type Founts". 17th February, 1988.

Class 1. No. 159407. Santosh Radio Products, 21, Prafulla Sarkar Street, Calcutta-700072, West Bengal, India. "Radio". 12nd February, 1988.

Class 1. No. 159419. Union Carbide India Limited, an Indian Company, of 1, Middleton Street, Calcutta-700 071, West Bengal, India. "Flashlight". 24th February, 1988.

Class 1. No. 159421. Union Carbide India Limited, an Indian company, of 1, Middleton Street, Calcutta-700 071, West Bengal, India. "Flashlight". 24th February, 1988.

Class 1. No. 159435. Polar Fan Industries Limited, Poddar Point, 113, Park Street, 8th floor, Calcutta-700016, West Bengal, India, an Indian Company. "Fan". 26th February, 1988.

Class 1. No. 159436. Polar Fan Industries Limited, of Poddar Point, 113, Park Street, 8th floor, Calcutta-700016, West Bengal, India, an Indian Company. 26th February, 1988.

Class 1. No. 159522. Nagar Andhal Anantharaman Naidu, Koppikar Road, Hubli, Karnataka, Indian National. "The Type Founts". 25th March, 1988.

Class 1. No. 159589. Delstar Private Limited, Ogalewadi 415105, Dist. Satara, Maharashtra State, India, a private limited company. "Vacuum Cleaner". 11th April, 1988.

Class 1. No. 159732. Kingson Pen & Plastic Industries, 12, Devan Industrial Estate, I.B. Patel Road, Goragaon (East), Bombay-400063, State of Maharashtra, India, an Indian partnership firm. "Adapter". 23rd May, 1988.

Class 3. No. 159227. Hindustan Vacuum Glass Limited (a company incorporated under the Indian Companies Act), whose address is Sanskriti Bhawan, New Delhi-110 055, India. "Vacuum Flask". 4th January, 1988.

Class 3. 159228. Hindustan Vacuum Glass Limited (a company incorporated under the Indian Companies Act), whose address is Sanskriti Bhawan, New Delhi-110055, India. "Vacuum Flask". 4th January, 1988.

Class 3. No. 159230. Hindustan Vacuum Glass Limited (a company incorporated under the Indian Companies Act), whose address is Sanskriti Bhawan, New Delhi-110055, India. "Vacuum Flask". 4th January, 1988.

Class 3. No. 159347. Sparkle Foods Pvt. Ltd., 404, Grand Canyon, 87, Palli Hill Road, Bandra, Bombay-400050, Maharashtra, India, a Private limited company incorporated under the Indian Companies Act. "Bottle". 27th January, 1988.

Class 3. Nos. 159351 & 159352. Modi Rubber Limited, an Indian company of Modinagar, Uttar Pradesh, India. a "Tyre for a Vehicle wheel". 28th January, 1988.

Class 3. No. 159408. Balsara Hygiene Products Limited. (an Indian Company) at 43 N. Master Road, Bombay-400 023, State of Maharashtra, India. "Mosquito Repeller". 22nd February, 1988.

Class 3. No. 159413. Shingar Cosmetics Private Limited, a Company incorporated under the Companies Act, having its registered office at 102 'C' Block. C. R. Agarwal Market, Shyam Kamal Building Tejpal Road, Vile Parle (East), Bombay-400 057 in the State of Maharashtra, within the Union of India. "Bottle". 23rd February, 1988.

Class 3. Nos. 159420 & 159422. Union Carbide India Limited, an India company, of 1, Middleton Street, Calcutta-700 071, West Bengal, India. "Flashlight". 24th February, 1988.

Class 3. No. 159424. Sparkle Foods Pvt. Ltd., 404, Grand Canyon, 87, Palli Hill Road, Bandra, Bombay-50, Maharashtra, India, a Private limited company incorporated under the Indian Companies Act. "Bottle". 25th February, 1988.

Class 3. No. 159426. M/s. Nilkamal Crates Containers, 5, Rewa Chambers, 1st floor, New Marine Lines, Bombay-400020, State of Maharashtra, India, an Indian Partnership firm. "Bin". 25th February, 1988.

Class 3. No. 159427. M/s. Nilkamal Crates & Containers, 5, Rewa Chambers, 1st floor, New Marine Lines, Bombay-400020, State of Maharashtra, India, an Indian Partnership firm. "Bin Stand". 25th February, 1988.

Class 3. No. 159431. Dynavision Limited, Near Dr. Vikram Sarabhai Instronics Estate, Kettivakkam, Madras-600 041, Tamil Nadu, India, a company duly organised and existing under the laws of the Union of India. "Television Receiver Sets". 25th February, 1988.

Class 3. No. 159446. Wallfrin International, 1st floor, 114/115, Bussa Industrial Estate, Near Cebtury Bazar, Bombay-400025, Maharashtra, India, an Indian Partnership firm. "Potty". 2nd March, 1988.

Class 3. No. 159479. Hema Bhargava & Co., 2-B, Ashoka Apartment 'A8' Colaba, Bombay-400005, State of Maharashtra, India, an Indian Sole Proprietary firm. "Toy Sword". 10th March, 1988.

Class 3. No. 159480. Rajnikant Pannalal Kothari, Indian National of 53-C, Mittal Court, Nariman Point, Bombay-400021, State of Maharashtra, India. "Insulated Container". 10th March, 1988.

- Class 3. No. 159481. Rajnikant Pannalal Kothari, Indian National of 53-C, Mittal Court, Nariman Point, Bombay-400021, State of Maharashtra, India. "Ice Pack". 10th March, 1988.
- Class 3. No. 159482. Rajnikant Pannalal Kothari Indian National of 53-C, Mittal Court, Nariman Point, Bombay-400 021, State of Maharashtra, India. "Container". 10th March, 1988.
- Class 3. No. 159483. Rajnikant Pannalal Kothari, Indian National of 53-C, Mittal Court, Nariman Point, Bombay-400021, Maharashtra State, India. "Vaccine Container". 10th March, 1988.
- Class 3. No. 159508. Trinity Products, Acme Estate, D-22 & 23, 3rd floor, Sewree (East), Bombay-400015, State of Maharashtra, India, an Indian Partnership firm. "Filter" (Funnel). 22nd March, 1988.
- Class 3. No. 159518. Bata India Limited, 30, Shakespeare Sarani, Calcutta-700017, West Bengal, India. "Sole". 24th March, 1988.
- Class 3. No. 159521. Omega Polymicron Private Limited, Mawana, Distt. Meerut (U. P.), India, an Indian Private Limited Company, Indian National of above address. "Shoe Sole". 25th March, 1988.
- Class 3. No. 159583. Rubber Complex (India) 1/132/1, Shaded Aliyanavi Road, Shahganj, Agra-282010, U. P., India, Indian Partnership firm. "Sole". 7th April, 1988.
- Class 3. No. 159590. Elcon Electric Industries, Shukla Industrial Estate, Opp. Ajit Glass, Jogeshwari (West), Bombay-400102, Maharashtra, India, an Indian Sole proprietary firm. "Ceiling Rose". 11th April, 1988.
- Class 3. No. 159614. Universal Symetrics Corporation, a New Jersey Corporation, of 292 Fort Plains Centre, Howell, New Jersey 07731, United States of America. "Bottle with side saddle". 21st April, 1988.
- Class 3. No. 159615. Jalan Pen Industries, 86, Biplabi Rash Behari Bose Road, Rampuria Market, Calcutta-700 001, India, West Bengal. "Rifills". 21st April, 1988.
- Class 3. No. 159616. Jalan Pen Industries, 86, Biplabi Rash Behari Bose Road, Rampuria market, Calcutta-700 001, India, West Bengal. "Rifills". 21st April, 1988.
- Class 4. No. 159207. J. G. Glass Limited, Pimpri, Pune-411018, Maharashtra, India, an Indian Company. "Bottle". 28th December, 1987.
- Class 4. No. 159285. La Compagnie Viticole Et Fermiere Edmond Et Benjamin De Rothschild S. A. a company organised under the laws of Switzerland of 40, rue du Rhone. 1211 Geneve 11, Switzerland. "a Bottle". 20th January, 1988.
- Class 4. No. 159414. Shingar Cosmetics Private Limited, a company incorporated under the Companies Act, having its registered office at 102, 'C' Block, C. R. Agrwal Market, Shyam Kamal Building, Tejpal Road, Vile Parle (East), Bombay-400 057, in the State of Maharashtra, within the Union of India. "Bottle". 23rd February, 1988.
- Class 4. Nos. 159485 & 159486. Hajoori & Sons, (a registered partnership firm) also trading as H. & S. Chemical Works, at Udhna Magdalla Road, Surat, Gujarat State, India. "Bottle". 10th March, 1988.
- Class 8. No. 159538. Apsra Carpet Co. opp. Police Line, Sansar Chander Road, Jaipur, Rajasthan, India. "Carpet". 28th March, 1988.
- Class 10. Nos. 159337, 159342, 159515, 159517. Bata India Limited, 30, Shakespeare Sarani, Calcutta-700 017, West Bengal, India. "a footwear". 27th January, 1988.

- Class 10. No. 159690. Bajaj Departmental Stores Private Limited, 589-Artoni, Agra, Uttar Pradesh and P-35 South Extension, New Delhi-110049, India, an Indian Company. "Sole of footwear". 16th May, 1988.
- Class 12. No. 159899. Pur Accessories Pvt. Ltd., (a company incorporated under the Indian Companies Act), whose address is A-126, Okhla, Phase-II, New Delhi-110020, India. "Cushion". 28th June, 1988.
- Class 12. No. 159900. Pur Accessories Pvt. Ltd., (a company incorporated under the Indian Companies Act), whose address is A-126, Okhla, Phase-II, New Delhi-110020, India. "Pillow". 28th June, 1988.

COMPLETE SPECIFICATION ACCEPTED

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CLASS : 40 F.

163272

Int. Cl. : B 01 b 11/00.

AN IMPROVED REACTION CUVETTE.

Applicant : TECHNICON INSTRUMENTS CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK U.S.A., OF 511 BENEDICT AVENUE, TARRYTOWN, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor : MICHAEL MILLIET CASSADAY, HERMAN GUY DIFRER, KENNETH FANK UFFENHEIMER AND DARIO SVENJAK.

Application for Patent No. 712/Del/85 filed on 30, August, 1985, and Anti-dated to 28th May, 1982.

Divided out of Patent application No. 407/Del/82 dated 28th May, 1982, and Anti-dated to 28th May, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office Branch, New Delhi-110005.

3 Claims

An improved reaction cuvette for incorporation in a reaction tray, characterised in that said reaction cuvette comprises a container having an opening for receiving a liquid, the interior of said container defining at least one interior surface disposed opposite to said opening and having one or more inwardly extending projections of hydrophilic material, and in that portions of two parallel walls of the cuvette define a sight passageway for analysis of the contents therein.

Compl. specn. 14 pages.

Drns. 3 sheets

CLASS : 130 I.

163273

Int. Cl. : C 22 b 19/22.

"A PROCESS FOR RECOVERING LEAD AND/OR SILVER AND ZINC FROM ZINC CONTAINING SULPHIDIC MATERIAL".

Applicant : SHERRITT GORDON MINES LIMITED. A COMPANY ORGANIZED UNDER THE LAWS OF THE PROVINCE OF ONTARIO HAVING ITS HEAD OFFICE AT 2800 COMMERCE COURT WEST, TORONTO, ONTARIO, CANADA.

Inventors : DONALD ROBERT WEIR, IAN MARTIN MASTERS AND GERALD LLOYD BOLTON.

Application for Patent No. 367/Del/82 filed on 17th May, 1982.

Convention date 22nd May, 1981/378,074/(Canada).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office Branch, New Delhi-5.

8 Claims

A process for recovering lead and/or silver and zinc from zinc-containing sulphidic material which also contains iron characterised in that said material is leached under oxidizing conditions at a temperature in the range of from 130°C to 170°C in aqueous sulphuric acid solution with an initial substantial stoichiometric excess of sulphuric acid relative to the zinc content of said material of from 40% to 100% to produce an undissolved residue containing elemental sulphur and a major proportion of lead and/or silver and a leach solution containing a major proportion of said zinc and iron and separating said lead and/or silver and said zinc from said residue and solution by methods known per se.

Compl. specn. 19 pages.

Drns. 4 sheets

CLASS : 189

163274

Int. Cl. : A 61 k 7/00.

"DENTAL CREAM".

Applicant : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Inventors : ANTONY JOHN MORTON, KENNETH HARVEY, HARRY HYPFS AND HERMAN GUTENBERG.

Application for Patent No. 590/Del/1983 filed on 30th August 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office Branch, New Delhi-110005.

6 Claims

A dental cream comprising a dental vehicle comprising a compound which provided at least about 100 ppm of fluorine selected from the group consisting of sodium monofluorophosphate and a mixture of sodium monofluorophosphate and sodium fluoride in which about 30—40% by weight of said fluorine is provided by said sodium fluoride, about 40—75% by weight polishing agent containing a calcium phosphate in amount of at least about 35% by weight of said dental cream 20—80% by weight based on the weight of the dental cream of liquid phase containing water, humectant or mixture thereof and 0.5—5% by weight based on the weight of the dental cream of a pelling agent containing sodium carboxy-methyl cellulose and hydroxyethyl cellulose, each being present in a weight ratio of about 3 : 2 to 2 : 3 with regard to the other.

Compl. specn. 28 pages.

CLASS : 10 A & B.

163275

Int. Cl. : 606 c 1/00.

"WATER-IN-OIL EMULSION EXPLOSIVE COMPOSITIONS".

Applicant : C. I. L. INC., P. O. BOX 200, STATION 'A' NORTH YORK, ONTARIO, CANADA M2N 6H2 A CANADIAN COMPANY.

Inventors : WILLIAM JOHN YORKE, REJEAN BINET AND MING CHUNG LEE, AND HOWARD ANTHONY BAMPFIELD.

Application for Patent No. 593/Del/1983 filed on 30th August 1983.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

An explosive composition comprising a water-in-oil emulsion containing a continuous carbonaceous fuel phase and a discontinuous aqueous oxidiser salt solution phase such as herein described, the said continuous carbonaceous fuel phase comprising an unrefined or partly refined petroleum product, the said petroleum product being characterised in that,

- the component molecules have between 20 and 80 carbon atoms and less than 50% of the said molecules have a number of carbon atoms within the same five carbon atoms range,
- wherein the said undefined or partly refined petroleum product comprises at least 10% by weight of flowable oil if the said petroleum product is in the form of a petroleum wax or comprises at least 10% by weight of distillation residue if the said petroleum product is in the form of a petroleum oil or tar, further comprising :
- a continuous phase comprising from 1% to 10% by weight of the said unrefined or partly refined petroleum product and from 0.5 to 3% by weight of an emulsifying agent,
- a discontinuous phase of from 10% to 25% by weight of water and from 65% to 85% by weight of water soluble inorganic oxidiser salt, and,
- an amount of density lowering ingredient to achieve a composition density of from 0.9 to 1.4 grams per cubic centimeter.

Compl. specn. 14 pages.

CLASS : 163278

Int, C1.4 ; F 23 Q 3/00, F 24 C, 3/10.

"A PIZOFLECTRIC LIGHTER".

Applicant & Inventors : GOPI KRISHNA KABRA, AN
INDIAN NATIONAL OF S-466, GREATER KAILASH,
PART-I, NEW DELHI-110048.

Application for Patent No. 820/Del/85 filed on 7th Oct., 1985.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office Branch, New Delhi-5.

11 Claims

A piezoelectric lighter mountable on a domestic appliance such as a gas burner comprising a piezoelectric crystal adapted to receive an impact at one end thereof, said lighter further comprising a box or casing of an insulating material housing said crystal, an electrode extending from the casing the end of the crystal opposite the end receiving the impact being connected to said electrode, a hammer lever of an insulating material, a percussion hammer carried by said hammer lever, said hammer lever being pivoted around an axle or shaft inside casing, a spring arranged around said shaft to cause return of said hammer lever and means for providing electrical continuity between said one end of said crystal and the metallic body of said appliance said means including said spring which is connected both to the metallic part of the percussion hammer and to a metal plate used for fixing the lighter to said appliance.

Compl. specn. 13 pages.

Drz. 1 sheet

Drgs. 8 sheets

CLASS : 163279

Int. Cl.⁴ : C07D 233/54.

PROCESS FOR THE PREPARATION OF IMIXAZOLE COMPOUNDS.

Applicant : NEWPORT PHARMACEUTICALS INTERNATIONAL, INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF THE CALIFORNIA, U. S. A., OF 897 WEST 16TH STREET, NEWPORT BEACH, CALIFORNIA 92660, UNITED STATES OF AMERICA.

Inventor : LIONEL NORTON SIMON, HANS-RUDOLF
MUELLER AND HANS ZUTTER.

Application for Patent No. 125/Del/86 filed on 17th February, 1986.

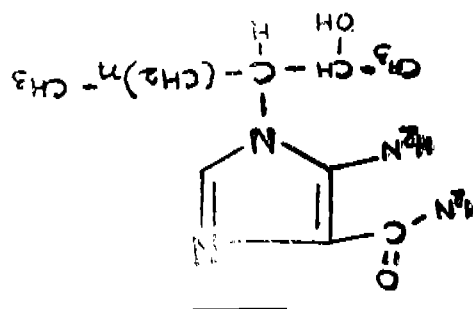
Divisional to Patent application No. 359/Del/83 filed on 30th May, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110 005

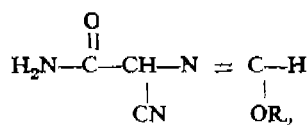
3 Claims

Dwg. 1 sheet

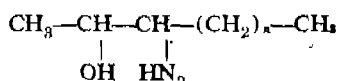
A Method of preparing an imidazole compound of Formula (1)



wherein n is an integer from 1 to 5, comprising reacting 2-amino-2-cyano-acetamine with an equimolar amount of a lower alkyl orthoformate such as herein described to form a compound having the formula



where R_2 is lower alkyl such as herein described and reacting this compound with an equimolar amount of an erythro compound of the Formula



The compounds prepared by the said process have immunomodulating or immunopotentiating activity.

Compl. Specn. 18 pages.

Drgs. 4 sheets.

CLASS :

163280

Int. Cl.⁴ : C07D 233/54.

PROCESS FOR THE PREPARATION OF HYPOXANTHINE DERIVATIVES.

Applicant : NEWPORT PHARMACEUTICALS INTERNATIONAL INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF THE CALIFORNIA, U. S. A., OF 897 WEST 16TH STREET, NEWPORT BEACH, CALIFORNIA 92660, UNITED STATES OF AMERICA.

Inventor : LIONEL NORTON SIMON, HANS-RUDOLF MUELLER AND HANS ZUTTER.

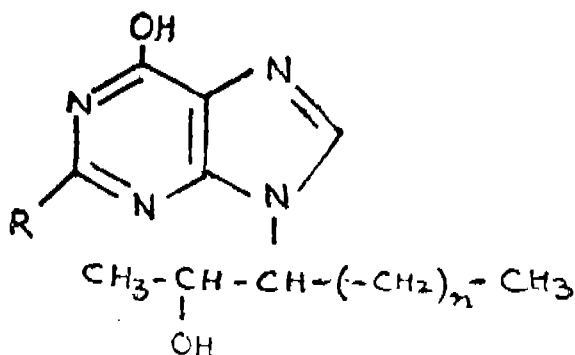
Application for Patent No. 170/Del/86 filed on 26th February, 1986.

Divisional to Patent application No. 359/Del/83 filed on 30th May, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110 005.

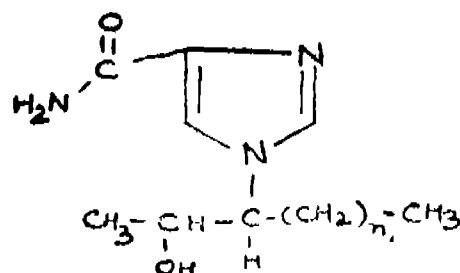
2 Claims

A process of preparing hypoxanthine derivatives of the Formula 3



shown in the accompanying drawings where R is hydrogen or lower alkyl such as herein described and n is an integer

from 1 to 5, which comprises reacting a compound of the Formula 1



wherein n is as defined above with formic acid in the presence of acetic anhydride.

The compounds prepared by the said process have immunomodulating and immunopotentiating activity.

Compl. Specn. 18 pages.

Drgs. 4 sheets.

CLASS : 31-A.

163281

Int. Cl. : H 01 g 13/04.

METHOD FOR DRYING POWER CAPACITORS AND DEVICE REALIZING SAME.

Applicant : OTDELENIE VSESOJUZNOGO NAUCHNO-ISSLEDOVATELSKOGO INSTITUTA ELEKTROTERMICHESKOGO OBOURODOVANIA V GORODE KHARKOV, OF KHARKOV, PEREULOK INZHENERNY, 1A, USSR AND INSTITUT TEPLI-MASSOBYMENI IMENI A. V. LYKOVA AKADEMII NAUK BELORUSSKOI SSR, OF MINSK, ULITS PODLESNAYA, 15, USSR.

Inventors : 1. NIKOLAI ALEXEEVICH PRUDNIKOV, 2. NIKOLAI ALEXEEVICH GUDKO, 3. ALEXANDR GRIGORIEVICH VOSKHODOV, 4. ZINOVY PETROVICH VISHNYA, 5. VSEVOLOD SERGEVICH BARANENKO, 6. VIKTOR YAKOVLEVICH SAVCHENKO.

Application No. 553/Cal/84 filed August 4, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A method for drying capacitors comprising the steps of, evacuation of hermetic chamber to saturated vapour pressure of liquid heat transfer agent at the ambient temperature, individual evacuation of power capacitors placed in said chamber, heating said power capacitors to a drying temperature by a saturated vapour of liquid heat-transfer agent, the temperature of the said heat-transfer agent being kept at least equal to the instant increasing temperature of power capacitors, subsequently cooling the said power capacitor by immersing in the liquid heat transfer agent and reducing pressure in the hermetic chamber to a level which is less than the saturated vapour pressure of liquid heat-transfer agent by a quantity ranging from 10 to 1,000 Pa, the instant decreasing temperature of power capacitors being constantly monitored.

Compl. Specn. 15 pages.

Drg. 1 sheet.

CLASS : 89.

163282

Int. Cl. : G 01 1 9/00.

A DEVICE FOR DETECTING THE PRESENCE OF A GASEOUS SUBSTANCE IN A CLOSED SPACE.

Applicant : THE BABCOCK & WILCOX COMPANY, OF 1010 COMMON STREET, P. O. BOX 60035, NEW ORLEANS, LOUISIANA 70160, UNITED STATES OF AMERICA.

Inventors : 1. JOHN ROSS BOWER, 2. CHARLES WESLEY HAMMOND.

Application No. 837/Cal/84 filed December 5, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A device for detecting the presence of a gaseous substance in a space bounded by an enclosure :

sonic wave generating means including a first sonic transducer for generating a sonic wave;

sonic wave detection means including a second sonic transducer for detecting a sonic wave; and

mounting means connected to said first and second transducers for holding said first transducer at a first point on the enclosure and for holding said second transducer at a second point on the enclosure separated from said first point by the space.

Compl. Specn. 13 pages.

Drgs. 3 sheets.

CLASS : 69-I & Q.

163283

Int. Cl. : H 01 h 71/00.

REDUCED-SIZE THERMAL OVERLOAD RELAY.

Applicant : EATON CORPORATION, AT 100 ERIEVIEW PLAZA, CLEVELAND, OHIO 44114, UNITED STATES OF AMERICA.

Inventors : 1. KENNETH ARTHUR FORSELL, 2. EDWARD ARTHUR MALLONEN.

Application No. 290/Cal/85 filed April 16, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A reduced-size thermal overload relay for a control system having a plural-phase A. C. source supplying a load comprising :

an insulating open-top housing (2) having a plurality of narrow compartments (2k, 2l, 2m) at its lower portion and a lateral space (22) therebelow;

a plurality of thermal responsive means (16j, 18j, 20j) for the respective phases of said system;

a plurality of conductive brackets (16, 18, 20) mounted in said housing (2) supporting said thermal responsive means (16j, 18j, 20j) so as to extend down through said compartments (2k, 2l, 2m) into said space (22) therebelow;

a plurality of terminal leads (16h, 18h, 20h) connected to the respective brackets (16, 18, 20) for connection to an external device;

a plurality of narrow cassette heaters (6, 8, 10) at the top of said housing (2) having flat heater elements (6c) mounted in insulating enclosures (6a) leaving one side of said heater elements (6c) exposed and terminals (6d, 6e) for electrically connecting said heater elements (6c) to the respective phases of said system to be heated by the currents therein; connecting and positioning means (16e, 6f) for electrically connecting said heater elements (6c) to the respective brackets (16, 18, 20) and there-through to said terminal leads (16h, 18h, 20h) and concurrently positioning said exposed sides of said heater elements (6c) relative to the respective thermal responsive means (16j, 18j, 20j) to heat the latter according to the currents in the respective phases of said system;

a switch (4, 14) mounted at one side on said housing (2) and having terminals connectable to a control device for protection of said system;

and actuator means (28, 30, 32) in said space (22) below said compartments (2k, 2l, 2m) responsive to said thermal responsive means (16j, 18j, 20j) under overload conditions for operating said switch (4, 14).

Compl. Specn. 28 pages.

Drgs. 5 sheets.

CLASS : 129-0.

163284

Int. Cl. : B 21 d 22/00.

A METHOD OF MANUFACTURING VALVE PLATE UNITS FOR SLIDING GATE VALVES.

Applicant : STOPING AKTIENGESSELLSCHAFT, OF ZUGER STR. 76A, CH-6340 BAAR, SWITZERLAND.

Inventor : 1. OTTO KAGI.

Application No. 308/Cal/85 filed April 22, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

A method of manufacturing a valve plate unit for a sliding gate valve including providing a refractory valve plate with at least one recess in its periphery, placing a metallic hoop around the periphery of the plate and pressing a portion of the hoop into the or each recess and thereby permanently plastically deforming it, the or each said portion being pressed into the respective recess by such a distance that the distance between it and an opposed portion of the hoop has a predetermined value.

Compl. Specn. 16 pages.

Drgs. 4 sheets.

CLASS :

163285

Int. Cl. : C 01 g 23/04.

PROCESS FOR PRODUCING TiO_2 CONCENTRATE FROM TiO_2 CONTAINING MATERIALS.

Applicant : METALLGESELLSCHAFT AKTIENGESSELLSCHAFT, OF REUTERWEG 14, D-6000 FRANKFURT AM MAIN, FEDERAL REPUBLIC OF GERMANY.

Inventor : 1. HANS-JOACHIM ROHRBORN.

Application No. 369/Cal/85 filed May 15, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A process of recovering a TiO_2 concentrate from TiO_2 -containing starting materials, wherein said starting materials are leached with dilute mineral acid at an elevated temperature and the separated residue is treated with reducing agents and is subsequently leached with dilute mineral acid at an elevated temperature, characterized in that :

- (a) the mechanically pretreated starting material is leached in the first leaching stage with dilute waste sulfuric acid containing 20 to 25% free sulfuric acid at a temperature of 160 to 180°C and under superatmospheric pressure to produce an intermediate concentrate having a TiO_2 content of about 60%.
- (b) the intermediate concentrate is filtered off and is reduced by a treatment with a carbon-containing fuel after an optional oxidation,
- (c) the dilute waste sulfuric acid obtained as a filtrate from the first leaching stage is used to leach the reduced product of step (b) at temperatures between 60 and 180°C and, if desired, under superatmospheric pressure so as to consume all free sulfuric acid and to obtain a concentrate having a TiO_2 content in excess of 80%, and
- (d) iron sulfate heptahydrate is crystallized in the filtrate.

Compl. Specn. 11 pages.

Drg. 1 sheet.

CLASS : 25-A & 35-D.

163286

Int. Cl. : E 04 c 1/00 & 2/28.

A PROCESS OF MANUFACTURING A BUILDING BOARD, PARTICULARLY A GYPSUM PLASTER-BOARD.

Applicant & Inventor : HELMAR PUTZ, A-4822 BAD GOISERN 517, AUSTRIA.

Application No. 914/Cal/85 filed December 19, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A process of manufacturing a building board, particularly a gypsum plaster board with a surface marking, wherein the said plaster boards are cut out of a board web and the marking is done on its surface in a simultaneous continuous operation by means of a roller provided on its periphery with at least one series of marking elements extending in the axial direction of the roller and with a plurality of axially spaced apart series of marking elements extending in the peripheral direction of their roller so that the marking comprises length scales extending along regularly spaced apart lines, which are parallel to the edges of the board.

Compl. Specn. 9 pages.

Drg. 1 sheet.

CLASS : 107-G.

163287

Int. Cl. : F 02 77/00.

A FILTER ASSEMBLY FOR USE PARTICULARLY IN FILTRATION OF DIESEL OIL.

Applicant & Inventor : DHRUNARAYAN CHOURASHIA, C/o. NAHNEAMAL GANGA DHAR OF 31 SHIV THAKUR LANE, CALCUTTA-700 007, INDIA.

Application No. 113/Cal/1986 filed February 17, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A filter assembly for use in filtration, in particular for diesel oil comprising a perforated tube in which the oil to be filtered is introduced, the oil permeable material such as cloth around the tube, a layer of foam around the said wrapping of cloth and held in position by a second wrapping of oil permeable cloth and a second layer of foam around the second wrapping of permeable cloth and in the third wrapping of oil permeable cloth, such that there are two layers of foam around the perforated tube and held in position by the first, second and third wrappings of oil permeable cloth, said perforated cylinder being closed at one end.

Compl. Specn. 13 pages.

Drg. 1 sheet.

CLASS :

163288

Int. Cl. : C 07 c 57/04.

PROCESS FOR THE PURIFICATION OF A SOLUTION CONTAINING METHACRYLIC ACID AND TRACE IMPURITIES.

Applicant : (1) MITSUI TOATSU CHEMICALS, INCORPORATED, OF 2-5, KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO, JAPAN, AND (2) KYOWA GAS CHEMICAL INDUSTRY CO., LTD., OF 8-2, NISHONBASHI 3-CHOME, CHUO-KU, TOKYO, JAPAN.

Inventors : 1. KOZO IWASAKI, 2. MORIMASA KURAGANO, 3. MINORU KOSHIBE, 4. YOSHIHIRO SEZAKI, 5. KATSUJI YOGUCHI, 6. YOSHIO KOYAMA.

Application No. 160/Cal/86 filed April 4, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A process for the purification of a solution containing methacrylic acid and trace impurities such as herein described and obtained by subjecting a compound having 4 carbon atoms such as isobutylene, tertiary butanol, methacrolein or isobutyl aldehyde to catalytic oxidation with a molecular oxygen containing gas in the presence of steam, which comprises extracting the solution with a solvent and the resultant extract, which contains methacrylic acid, is brought into contact with a basic anion-exchange resin.

Compl. Specn. 33 pages.

Drg. 1 sheet.

CLASS :

163289

Int. Cl. : G 09 B 1/00.

EDUCATIONAL VISUAL AID PARTICULARLY FOR DEMONSTRATION IN SOLID GEOMETRY.

Applicant : ORSZAGOS TANSZERGUARTO ES ERTEKESITO VALLALAT. OF 1088-BUDAPEST VIII, SZENTKIRALYI U. 8, HUNGARY.

Inventor : ISTVAN LENART.

Application No. 504/Cal/86 filed July 18, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

An educational visual aid, particularly for reproducing and studying configurations and problems in solid geometry, consisting of a ball, a support under the ball, and a spherical ruler adapted to the ball surface, the ball has a surface suitable for being drawn and written on, the spherical ruler being constructed from a hoop, a saddle perpendicular to the hoop, and at least one handle, suitable for being placed onto the ball surface in any position, the support being a torus under the ball to hold it in any position, and with the tracer edges of the hoop and the saddle lying on arcs of great circles of the ball, characterised by an inserted joint (6) between the hoop (3) and the saddle (4) of the spherical ruler, perpendicular to both of them, and adapted to the surface of the ball (1), with two tips (10, 11) appropriately spaced on the inner side of the joint (6), and a long-shapped, rounded supporting nose (7) on the outer side of the joint (6), and a thin and solid handle plate (5) with rounded tips (5a, 5b), placed on the saddle (4).

Compl. Specn. 10 pages.

Drgs. 2 sheets.

CLASS : 63 I.

163290

Int. Cl. : H 05 h 7/00.

ENERGY GENERATION SYSTEM HAVING HIGHER ENERGY OUTPUT THAN INPUT.

Applicant : JOSEPH WESTLY NEWMAN OF ROUTE 1, BOX 52, LUCEDALE, MISSISSIPPI 39452, U. S. A.

Inventor : JOSEPH WESTLY NEWMAN.

Application No. 572/Cal/86 filed July 28, 1986.

Division of Application No. 242/Cal/83 dated 26th February, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

An energy generation system for generating useable energy, comprising :

at least one mass of material producing a source of at least one magnetic field;

useable energy output means associated with said magnetic field form making available for use the useable energy generated in the system;

alignment means associated with said mass for causing at least some of the atoms of said mass to alternately align and disalign releasing some of the internal energy making up the affected atoms of said mass; and

utilization means for utilizing some of the energy released from the affected atoms of said mass producing useable energy at said output means, the amount of said useable energy being greater than the amount of any external energy inputted to said mass, said alignment means and said utilization means.

Compl. Specn. 45 pages.

Drgs. 3 sheets.

CLASS :

163291

Int. Cl. : G 08 C 15/00.

A DIRECT VIEW REMOTE CONTROL APPARATUS FOR REMOTE CONTROL OF A MACHINE.

Applicant : CHARBONNAGES DE FRANCE, OF 9, AVENUE PERCIER, 75008 PARIS, FRANCE, A FRENCH COMPANY.

Inventor : MARC SERGE NOEL.

Application No. 824/Mas/84 filed November 2, 1984.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

A direct view remote control apparatus for remote control of a machine in a bad working environment with the operator of the machine remaining in a protected position wherein said remote control apparatus includes a transmitter and receiver assembly comprising : at least one transmitter section and at least one receiver section : each said transmitter section including a control panel to be operated by and receive orders from the operator of the machine, a logic section specific to the machine being operated and connected to process orders received by said control panel binary encoder means to receive orders in binary form from said logic section and perform biphased encoding of the orders in successive bits within successive sequences with a sequential signal output, with said sequential signal output further including a periodic synchronization signal in synchronization bits, a modulation means connected to said binary encoder means to receive said sequential signal output and produce a modulated carrier wave signal output by direct modulation of a carrier wave by said sequential signal output a radio frequency transmitter connected to said modulation means to receive said modulated carrier wave signal from said modulation means, transmitting antenna means to transmit said modulated carrier wave signal, and power supply means to supply power to said transmitter section; each said receiver section including, receiving antenna means to receive said modulated carrier wave signal from said transmitting antenna means, a receiving element connected to receive said modulated carrier wave signal from said receiving antenna means and provided a demodulated signal therefrom, a decoding authorization means connected to receive said demodulated signal and check for predetermined validity criteria, synchronization means connected to receive said demodulated signal and recover frequency of said synchronization signal and supply a decoding clock signal, binary decoding means to decode said demodulated signal according to said decoding clock signal upon authorization of said decoding authorization means obtaining binary orders in parallel therefrom, orders in parallel, specific logic means to process said binary orders in parallel, an output stage connected to control members of the machine being remotely controlled, and power supply means to supply power to said receiver section.

Compl. specn. 23 pages.

Drgs. 6 sheets

CLASS :

163292

Int. Cl. : B 60 S 1/38.

A METHOD AND AN APPARATUS FOR MANUFACTURING RUBBER PROFILES FOR WINDSHIELD WIPER BLADES.

Applicant & Inventor : WALTER A. SCHIESSE, OF GIEBELEICHSTRASSE 70 8152 GLATTBRUGG, SWITZERLAND, A SWISS CITIZEN.

Application No. 840/Mas/84 filed November 6, 1984.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

A method of manufacturing rubber profiles for wind shield wiper blades including a spring elastic supporting strip, said method comprising the step of continuously producing the rubber profile by extrusion of a rubber mass, placing simultaneously a supporting strip into the rubber profile heel section by means of injecting rubber mass partly around said supporting strip, whereby rubberless sections of said mounting strip remain extended along the longitudinal edges thereof

Compl specn 13 pages

Drgs 3 sheets

CLASS :

162293

Int Cl⁴ : B 65 B 7/28.

CLOSURE FOR RECTANGULAR CONTAINER FOR STORING OF LIQUID

Applicant & Inventor WILHELM KULLBERG JR OF TIEDEMANNSGATE 22 0260 OSLO 2, NORWAY A NORWEGIAN CITIZEN

Application No 871/Mas/84 filed 14 November, 1984

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-2

5 Claims

Closure for a rectangular container for storing of liquid having two dimilar first and second faces (1) a third face (3) and fourth face (2), all faces being connected with a container at the feeding line (4) and being interconnected, the first and second faces having folding lines (8) connecting the two ends of the folding line (4) with the middle of the free edge of the face, the fourth face (2) is sealingly connected with first and second faces and the third face (3) is adapted to be folded above the remaining parts of first and second faces, wherein the length of the fourth face (2) perpendicular to the surrounding folding line (4) is shorter than half of the distance between the opposite sides of the container, thereby providing an air opening (6) to the inner part of the container between the inner edge of the fourth face (2) and the folded inwardly protruding peaks (9) of first and second faces, the inner edge of the third face (3) being provided with an extension (7) in the middle, wherein said sealed closure is arranged above the fourth face (2) and by open closure provides a non drip spout, and the joint (10) of the container being arranged in the symmetrical axis of the third face

Compl specn 8 pages

Drgs. 2 sheets

CLASS :

163294

Int. Cl⁴ : C 09 C 1/48

A FURNACE PROCESS FOR PRODUCING CARBON BLACK

Applicant CABOT CORPORATION, A CORPORATION OF THE STATE OF DELAWARE, OF 125 HIGH STREET, BOSTON, MASSACHUSETTS, U.S.A

Inventors (1) KAM BOR LEE, (2) ALAN A SIMPKIN
Application No 949/Mas/84 filed December 4, 1984

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A process for producing carbon black in furnace which comprises reacting a fuel and an oxidant in the first zone of the furnace so as to provide a stream of hot combustion gases possessing sufficient energy to convert a carbon black yielding liquid hydrocarbon feedstock to carbon black and injecting the liquid hydrocarbon feedstock in a second zone of the furnace in the form of a plurality of coherent jets, into the stream of gaseous combustion products at a point where the combustion gas stream has reached a maximum velocity from 20 to 80% of the total amount of feedstock injected in a direction substantially transverse to the direction of flow of the streams of combustion gases and under sufficient pressure to achieve the degree of penetration required for paper shearing and mixing of the feedstock and wherein in a third zone the feedstock is decomposed and converted into carbon black prior to termination of the carbon black forming reaction by quenching, and then cooling, separating and recovering the resultant carbon black, characterised in that a portion of the liquid hydrocarbon feedstock is injected substantially radially in the form of plurality of coherent jets into the combustion gas stream from the periphery thereof prior to the point where the stream of combustion gases reaches maximum velocity, introducing the remainder of the feedstock in the form of a plurality of coherent jets substantially radially into the combustion gas stream from the periphery thereof at approximately the mid-point of the transition zone where the combustion gas stream has reached maximum velocity and adjusting the angle between the orifices located in different planes through which each portion of the feedstock is introduced to an angle of less than 60° to thereby produce a carbon black having a lower-than-normal tinting strength and which is capable of imparting improved hysteretic properties to rubber compositions.

Carbon black is used as fillers, pigments and reinforcing agents in rubber and plastics.

Compl. specn. 25 pages.

CLASS :

163295

Int. Cl⁴ : B 61 G 5/02.

"A COUPLING ARRANGEMENT FOR RAILWAY CARS"

Applicant : AMSTED INDUSTRIES INCORPORATED, A CORPORATION OF DELAWARE, U.S.A., OF 3700 PRUDENTIAL PLAZA, CHICAGO, ILLINOIS 60601, U.S.A.

Inventor : RUSSELL G. ALTHERR.

Application No. 960/Mas/84 filed December 6, 1984.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

16 Claims

A coupling arrangement for railway cars comprising a male part matingly engaged with a female block in a cavity of a female part, and a shim being interengaged between the follower block and a rear wall of said cavity, wherein at least one of front and rear abutting surfaces of the shim and a corresponding abutting surface of the part abutting and at least one abutting surface of the shim are each comprised of two flat mutually inclined surfaces which meet at a vertical centre line of the respective abutting surfaces, said at least one abutting surface of the shim and said corresponding abutting surface being concave and convex in horizontal cross-section so as to form a complementary fit therebetween which assists in resisting lateral and/or rotational displacement of the components from the desired relative positions thereof, wherein no more than one of said front and rear abutting surfaces of the shim is convex.

Compl. specn. 15 pages.

Drgs. 2 sheets

CLASS :

163296

CLASS :

163298

Int. Cl.⁴ : H 02 B 11/04.Int. Cl.⁴ : D 02 G 3/00.

MOVABLE CONTACT ROD AND AN ELECTRICAL BONDING STRIP ASSEMBLY FOR HIGH VOLTAGE ELECTRICAL SWITCHGEAR AND A METHOD OF ASSEMBLING THE SAME.

A METHOD OF PRODUCING YARN IN A CLEAN FALSE TWIST SPINNING UNIT.

Applicant : MERLIN GERIN, OF RUE HENRI TARZE, 38050 GRENOBLE, CEDEX FRANCE; A FRENCH COMPANY.

Applicant : MASCHINENFABRIK RIETER AG., A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF CH-8406 WINTERTHUR, SWITZERLAND.

Inventors : BAUBE PASCAL, BALSARIN GABRIEL, PERRICHON NORBERT.

Inventor : BRINER EMIL, KELLER URS.

Application No. 962/Mas/84 filed 6 December, 1984.

Application No. 101/Mas/85 filed 7 February, 1985.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-2.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-2.

8 Claims

5 Claims

A method of assembling an electrical bonding strip (18) to a contact rod (10) for use in high voltage electrical switchgear, said rod (10) being formed by a cylindrical pin (12) made of a conducting material, and provided with a bearing surface (26) having an axial extension of reduced diameter relative to the rest of the pin (12) wherein :

A method of producing yarn in a clean false twist spinning unit (4) by removing a blockage in the said false twist spinning unit in particular in a suction drawing-in portion (5) forming part of the spinning unit, in combination with a yarn monitoring device (9) downstream from the spinning unit viewed in the direction of movement of the thread comprising the steps of :

- the bonding strip (18) is made up of woven conducting strands arranged in the form of a flattened tubular sheath,
- the pin (12) is inserted into the sheath through an intermediate opening (22) between adjacent strands and is moved longitudinally through the sheath so as to project a predetermined distance beyond one end of the sheath,
- the length of sheath through which the pin (12) extends, is distorted by the latter into a tubular shaped portion which acts as an annular contact surface between the strip (18) and the pin (12),
- the tubular portion of the sheath is crimped about the bearing surface (26) of the pin (12) by an external fixing sleeve (24) which coaxially surrounds the annular contact surface.

- (a) sensing of a blockage in the false twist spinning unit (4),
- (b) Opening the spinning unit (4),
- (c) removing (E) of the suction portion (5),
- (d) insertion (F) of a suction portion (5.1), in an operational condition,
- (e) closing the spinning position (4) and
- (f) restarting spinning.

Compl. specn. 9 pages.

Drg. 1 sheet

Compl. specn. 11 pages.

Drgs. 2 sheets

CLASS :

163297

Int. Cl.⁴ : A 61 B 10/00.

METHOD OF PREPARING A STANDARD SOLUTION SIMULATING A GLUCOSE LEVEL OF A BLOOD SAMPLE.

CLASS :

163299

Int. Cl.⁴ : H 01 T 13/14 & 21/00.

AN IMPROVED DEVICE FOR CLEANING AND SETTING THE ELECTRODE GAP OF A SPARK PLUG OF AN INTERNAL COMBUSTION ENGINE.

Applicant & Inventor : JOHN RICHARD BAKER, A BRITISH SUBJECT AND NEW ZEALAND CITIZEN OF 25, DELL AVENUE, REMUERA, AUCKLAND, NEW ZEALAND.

Applicant & Inventor : RAKKANDATH MOHANDAS, RAKKANDATH HOUSE, KINASSERY POST, PALAGHAT DISTRICT, KERALA, INDIA, INDIAN NATIONAL.

Application No. 1010/Mas/84 filed December 18, 1984.

Application No. 166/Mas/85 filed March 4, 1985.

Div. to Patent No. 156045 (Ante-dated to December 21, 1982).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

Convention date : December 23, 1981. (No. 199380; New Zealand).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

4 Claims

4 Claims

A method of preparing a standard solution simulating a glucose level of a blood sample which comprises the steps of adding an aqueous solution of synthetic fructosamine, 1-deoxy-1-morpholino-fructose to a protein such as albumin solution.

An improved device for cleaning and setting the electrode gap of a spark plug of an internal combustion engine comprising a handgrip; a plurality of gap feelers rigidly fixed to the handgrip; a cleaner blade and a gap setter blades having a gap setter slot, the cleaner and gap setter blades being pivotably fixed to the handgrip, characterised in that each of the gap feelers has a smoothly curved cornerless contour; the gap setter blade has an aligner slot for receiving and aligning the negative electrode thereof; and the handgrip has a crescent shaped configuration with a curved ridge provide at least on one side of the handgrip for seating thumb and fingers thereagainst.

The solution prepared according to this invention is useful in determining the level of glucose in blood samples.

Compl. specn. 28 pages.

Drgs. 3 sheets

Compl. specn. 6 pages.

Drg. 1 sheet

CLASS : 163300
Int. Cl. : H 01 H 9/34.

"ARC CHUTE FOR CIRCUIT BREAKER".

Applicant : MITSUBISHI DENKI KABUSHIKI KAISHA, OF 2-3 MARUNOUCHI 2-CHOME, CHYODAKU, TOKYO JAPAN! A JURIDICAL PERSON ORGANISED AND EXISTING UNDER THE LAWS OF JAPAN.

Inventor : YASUSHI GENBA.

Application No. 220/Mas/85 filed March 22, 1985.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

5 Claims

1. An arc chute for a circuit breaker comprising :
 - a plurality of spaced apart arc plates to be disposed in proximity to arc contacts for extinguishing an electric arc and receiving a hot gas generated by the arc;
 - a pair of spaced apart, substantially parallel side members retaining the arc plates therebetween; and
 - a deflector projection disposed on the inner surface of each of said side members to which said arc plates are attached, said projection extending substantially perpendicular to said arc plates and being spaced from said arc plates, said projection projecting toward the opposing side member for preventing the flow of the hot gas from contacting the portions of the inner faces of the side members where said arc plates are retained.

Compl. specn. 12 pages.

Drgs. 7 sheets

CLASS : 23-B. 163301

Int. Cl. : G 12 b 9/02.

D 03 d 45/00.

D 03 d 45/02.

PHOTOELECTRIC FEELER.

Applicant : ERHARD & LEIMER GMBH., LEITERSHOFFER STR. 80, 8900 AUGSBURG 1, WEST GERMANY.

Inventor : 1. GERHARD BRUNNER, 2. WOLFGANG KRAUTH, 3. HEINRICH SCHMIDT.

Application No. 650/Cal/1984 filed September 14, 1984.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

15 Claims

Photoelectric feeler for the edge area of a path run, especially for a path guiding equipment comprising two casings between which the path runs with either a light source and receiver behind a window in the first casing and a reflection of absorption surface in the second casing, or a wide band light source in the first casing and a wide band receiver in the second casing the said casings (31, 32, 6, 7) being fixed such that they jut out over a common mounting plate (2, 30), the free ends being open tube sections (33, 34, 6a, 6b, 26), a separable radial gripspring tensioning element (25, 49) provided on the axial position inside the packing of the first casing (31, 6), one part 6a of the first casing (6) having a light source and receiver (11) or the wide band light source part (35) axially positioned in the first casing.

Compl. Specn. 16 pages.

Drgs. 2 sheets.

CLASS : 157-D3, 4, 6c. 163302
Int. Cl. : E 01 b 9/00.

CONCRETE CROSSTIE WITH RECESSES THEREOF.

Applicant : HOESCH AKTIENGESSELLSCHAFT, OF EBERHARDSTRASSE 12, 4600 DORTMUND 1, WEST GERMANY.

Inventor : 1. HORST EDUARD STEINFELD, 2. GERD WESTERDORFF.

Application No. 161/Cal/1985 filed March 02, 1985.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

4 Claims

A concrete crosstie with recesses each for holding a rail securing member engaging beneath a nose in the recess, the ends holding the rail down resiliently being made loop-shaped, characterized in that the recess (2) only partially penetrates the concrete crosstie (1) and the nose lower and side faces (5, 6) and the rail foot support surface (7) are formed by steel reinforcements (8) connected to the concrete.

Compl. Specn. 7 pages.

Drgs. 3 sheets.

CLASS : 131-B 3. 163303

Int. Cl. : E 02 d, 7/08.

ROCK HAMMER.

Applicant : KOSHUN KAIHATSU KABUSHIKI KAISHA, OF 3-20-1, OKUSU, MINAMI-KU, FUKUOKA-SHE, FUKVOKA-KEN, JAPAN.

Inventor : 1. WATARU KAWAGUCHI.

Application No. 165/Cal/1985, filed March 05, 1985.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

7 Claims

A rock hammer suspendable by means of a wire rope from a crane aboard a rock-cutting pontoon, the hammer comprising a bar-shaped upper portion, a lower breaking blade portion having concaved side surfaces for breaking the rock stratum at the bottom of the water and an annular outwardly bulged portion interposed between said upper and lower portions, said upper bar-shaped portion having a hanging portion at the upper end adapted to be connected to said wire rope and said lower breaking blade portion having formed, in the front and rear surfaces thereof, hydraulic flow producing recesses which extend from the upper end towards the lower and of the lower breaking blade portion and reduce in width as the recesses extend downwardly.

Compl. Specn. 13 pages.

Drgs. 3 sheets

CLASS : 163304

Int. Cl. : C09K 17/00.

A METHOD FOR FORMING HYDROGEL COMPOSED OF SILICIC ACID AND A CROSS LINKED SWELLABLE ORGANIC POLIMER.

Applicant : 1. MTA TERMESZETTUDOMANYI KUTATO LABORATORIUMAI OF 1112 BUDAPEST. BUDAORSI UT 45. HUNGARY. 2. ALAGI ALLAMI TANGAZDASAG OF 2120 DUNAKESZI, VERSENY U. 8-10, HUNGARY.

CSANDA, 3. GYOZO CZERNY, 4. TIBOR ENGEL,
5. GABOR NAGY, 6. TAMAS SZEKELY.

Application No. 348/Cal/85 filed May 6, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A method for forming a hydrogel composed of silicic acid and a cross-linked swellable organic polymer of the type such as herein described for enhancing the stability and water impermeability of soils and projects which comprised mixing an aqueous solution of a silicic acid gel precursor with a water-soluble gel-forming vinyl monomer in the presence of :

- a redox polymerization catalyst system such as herein described,
- a cross-linking agent such as herein described for the polymer obtained,
- an organic polycarboxylic acid,
- optionally an additive such as herein described which modifies the structure of the gel formed, and
- optionally a filling agent such as herein described.

Compl. Specn. 20 pages.

Drg. 1 sheet.

CLASS : 127 A.

163305

Int. Cl. : F 16 d 13/00.

CLUTCH PROTECTION SYSTEM.

Applicant : MASSEY-FERGUSON SERVICES N. V.

Inventor : REGIS BELLANGER.

Application No. 607/Cal/85 filed August 21, 1985.

Convention date 15th September, 1984 No. (8423394) U. K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A clutch protect on system to guard against overheating due to excessive slippage in a friction clutch having an engagement means which applies an engagement pressure to the clutch, the system including sensing means to provide signals indicative of the input and output speeds of the clutch; an indicating device which receives a first signal indicative of the clutch input speed and a second signal indicative of either the clutch output speed when the clutch engagement pressure is applied or the clutch input speed when the clutch engagement pressure is not applied, the indicating device having a signal level indicative of the difference between the first and second signals minus a signal indicative of the cooling effect on the clutch due to its own rotation; comparison means for comparing the signal level of the indicating device with a predetermined signal level indicative of a clutch operating condition; and response means responsive to a predetermined comparison result to action a warning device and/or disengagement of the clutch.

Compl. Specn. 18 pages.

Drgs. 2 sheets.

CLASS : 89.

163306

Int. Cl. : G 01 d 18/00.

AN APPARATUS FOR CHECKING THE ELECTRIC CONTINUITY OF A DEVICE MADE FROM ELECTRICALLY CONDUCTING MATERIAL BY IMPEDANCE MEASUREMENT.

Applicant : SOCIETE NATIONALE INDUSTRIELLE AEROSPATIALE OF 37, BLD DE MONTMORENCY, 75016 PARIS, FRANCE.

Inventors : 1. PIERRE VICTOR ANDRE LAHITTE, 2. MICHEL JOSEPH RAYMOND, 3. JEAN-PAUL KAYSER.

Application No. 742/Cal/85 filed October 17, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

An apparatus for checking the electric continuity of an electrically conducting material device, said apparatus comprising a current generator supplying a first pair of contact electrodes intended to inject a current between two points of said device, a voltmeter measuring the voltage generated between said points and taken through a second pair of contact electrodes, further comprising calculating means for working out the ratio between said voltage and said current, said current generator is of an AC current type and the pulsation of the current which it generates is sufficiently large for said ratio to be considered as being equal to the product of the inductance of the path of said current between said points multiplied by said pulsation.

Compl. Specn. 17 pages.

Drgs. 6 sheets.

CLASS : 172 E F.

163307

Int. Cl. : D 02 g 1/00; D 02 h 1/00; B 65 h 54/28.

DEVICE FOR SPREADING THREAD-LIKE MATERIAL.

Applicant : TASHKENTSKOE SPETSIALNOE KONSTRUKTORSKOE BIURO TEXTILNYKH MASHIN OF TASHKENT, ULITS A SHOTA RUSTAVELI, 53b, USSR.

Inventors : 1. JURY BORISOVICH MIROSHNICHENKO, 2. VLADIMIR VITALIEVICH SABATELLI.

Application No. 463/Cal/86 filed June 23, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A device for spreading a threadlike material, comprising : two parallel strips 1 & 2; a drive to impart simultaneous reciprocating motion to said strips; a thread traverser 4 having a thread guide 5 and mounted on one of said strips 2; a pivotally mounted compensation lever 3 provided with a thread carrier 7 and kinematically associated with said other strip, a geometrical pivot axis a-a of said lever passing through a stationary fixed thread guide 12 of the delivery rolls 13; said kinematic association between the compensation lever 3 and the strip 1 & 2 is made as a guide fork 8 rigidly secured on said strip 1, and a pin 9 arranged on the compensation lever 3 parallel to its pivot axis a-a and accommodated in said fork 8; said thread guide 12 of the thread traverser 4, when in the midposition, is situated on the geometrical pivot axis a-a of the compensation lever 3 and is spaced apart from the fulcrum 0 of the compensation lever 3 at distances that equals the distance from the fulcrum 0 of the compensation lever 3 to the stationary fixed thread guide 12.

Compl. Specn. 14 pages.

Drgs. 3 sheets.

CLASS : 13A.

163308

Int. Cl. : B 65 b 51/00.

AN IMPROVED MACHINE FOR SEALING BAGS OR POUCHES MADE OF SHEETS OR FILMS OF PLASTIC AND OTHER SHEET MATERIALS.

Applicant : D. C. GHOSE & CO. (AGENTS) PRIVATE LIMITED OF 11, GOVERNMENT PLACE EAST, CALCUTTA-700 069, WEST BENGAL, INDIA.

Inventor : SUSANTA KUMAR GUPTA.

Application No. 686/Cal/86 filed September 16, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

An improved machine for sealing bags or pouches made of sheets or films of plastic and other sheet materials comprising a body or stand having two metal plates held together securely spaced from each other, a spindle rotatably mounted in the said plates for holding a spool of an adhesive tape, a feeder wheel having uniformly spaced radial teeth or arms rotatably supported in the said plates for withdrawing the adhesive tape from the spool and carrying the tape forward and looping the tape around twisted open ends or necks of bags or pouches fed one by one in the slots or gaps between the adjacent teeth, a pivoted adaptor member having a cutter fixed to one end thereof for cutting off the tape looped and sealed around the twisted neck of a bag or pouch, when the feeder wheel is pushed down to turn around its supporting axial pin, and a biasing spring for returning the adaptor member to its normal position, the said plates being formed with juxtaposed slots or pouches for downward passage of the necks of bags terminating in enlarged holes for facilitating withdrawal of the sealed twisted necks of bags or pouches.

Compl. Specn. 8 pages.

Drg. 1 sheet.

CLASS :

163309

Int. Cl. : H 01 h 19/00.

A DRIVING SYSTEM FOR AN ELECTRIC CIRCUIT BREAKER.

Applicant : SIEMENS AKTIENGESellschaft OF WITTELSBACHERPLATZ 2, D-8000, MUNCHEN 2, WEST GERMANY.

Inventor : LUDVIK GODFSA.

Application No. 735/Cal/86 filed October 9, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A driving system for an electric circuit breaker, the driving system including a ratchet wheel for charging an energy store by stepwise turning of the ratchet wheel by means of a stepping pawl and a device which is operated by a centrifugal force, when the energy store is discharged and the ratchet wheel consequently turns at a higher speed, to hold the stepping pawl clear of the teeth on the ratchet wheel.

Compl. Specn. 10 pages.

Drgs. 2 sheets.

CLASS : 206 E.

163310

Int. Cl. : G 11 b 3/70.

MULTILAYERED ELECTRONIC MEMORY ARRAYS FOR USE IN DATA STORAGE APPARATUS.

Applicant : ENERGY CONVERSION DEVICES, INC. OF 1675 WEST MAPLE ROAD, TROY, MICHIGAN 48084, UNITED STATES OF AMERICA.

Inventor : ROBERT ROYCE JOHNSON.

Application No. 153/Cal/87 filed February 27, 1987.

Division of Application No. 3 Cal/84 dated 3rd January, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A multilayered electronic memory arrays for use in data storage apparatus comprising :

a multi-layered structure of at least three deposited layers of silicon alloy material; said layers of amorphous silicon alloy material being initially deposited as continuous PIN-type diode layers and arranged to perform rectifying functions as between said layers; said layers being addressable at unique selected locations thereof;

addressing means for defining said unique selected locations and for addressing said diodes formed of said silicon alloy material layers at said unique selected locations;

said addressing means comprising a plurality of first spaced apart address lines and a second plurality of spaced apart address lines, said second address lines crossing at an angle from and being spaced from said first address lines to form a plurality of crossover points therebetween to define said addressable unique selected locations; and

said first and second address lines in electrical contact with said multi-layered structure on opposite side thereof.

Compl. Specn. 33 pages.

Drgs. 6 sheets.

CLASS :

163311

Int. Cl. : C 02 B 3/12; 5/08

G 01 M 1/28

G 01 B 5/255.

RAILWAY WHEEL ROTUNDITY GAUGE.

Applicant : AMSTED INDUSTRIES INCORPORATED, OF 3700 PRUDENTIAL PLAZA, CHICAGO, ILLINOIS 60601, UNITED STATES OF AMERICA, A CORPORATION OF DELAWARE UNITED STATES OF AMERICA.

Inventors : (1) WILLIAM C. DRESSEL, (2) WILLIAM J. KUCERA.

Application No. 881/Mas/84 filed November 16, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch

3 Claims

A rotundity gauge for measuring the roundness of the tread of a railway wheel, said gauge comprising :

a main cross bar for extending diametrically across the diameter of the railway wheel,

a roller means mounted for lengthwise adjustment on said cross bar for engaging the wheel tread.

a pair of angularly spaced roller means mounted on the other end of said cross bar and engageable with the wheel tread in opposition to said adjustable roller means.

a dial indicator means mounted on said main cross bar having a plunger engageable with the wheel tread for indicating the out-of-roundness of the wheel tread when said main cross bar is rotated.

Compl. Specn. 7 pages.

Drsg. 1 sheet.

CLASS :

163312

Int. Cl.⁴ : D 06 C 3/00.

APPARATUS FOR THE AUTOMATIC MONITORING OF TEXTILE FABRICS, ESPECIALLY WOVEN FABRICS.

Applicant : ZELLWEGER USTER LTD. OF CH-8610 USTER SWITZERLAND, A SWISS COMPANY.

Inventors : (1) PETER LEMMER AND (2) KURT AEPPLI.

Application No. 968/Mas/84 filed December 7, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

5 Claims

Apparatus for the automatic monitoring of textile fabrics, especially woven fabrics, comprising electro-optical means having a scanning head to be mounted on a weaving machine on which the fabric is produced for continuously scanning the woven fabric, said scanning head having a lighting unit directed towards the fabric to be monitored and a sensor unit for producing a detection signal; scanning means coupled to said scanning head for scanning said fabric on the weft direction transversely to the length of the cloth; and evaluation means connected to receive said detection signal for detecting variations in the normal texture of the fabric, wherein the detection signal is representative of the texture of the fabric (12) in an elongate area (F, F') of the fabric in response to receipt of light from said lighting unit (18) reflected by said fabric in said elongate area; and that the detection signal is evaluated by giving priority to values which represent variations beyond an amount greater than zero in size or number, or periodicity.

Compl. Specn. 15 pages.

Drsg. 2 sheets.

CLASS :

163313

Int. Cl.⁴ : B 21 F 23/00.

MODULAR WIRE-FEEDING DEVICE.

INSTITUTE PO TECHNICHESKA KIBERNETIKA I ROBOTIKA, OF BLOCK 2, AKADEMIK BONCHEV STREET, SOFIA, BULGARIA, A SCIENTIFIC RESEARCH INSTITUTE ORGANISED UNDER THE LAWS OF BULGARIA.

Inventors : (1) DAVID ALBERT SAMOKOVLIISKI, (2) ALFRED EMMERICH NEMETCHIK, (3) MIHAIL GATYU GUTCHEV, (4) KRASSIMIR ANDREEV ANDREEV, (5) ILIHO STOYANOV BOZADJIEV, (6) ENEL KODOROV MOMTCHILOV.

Application No. 1017/Mas/84 filed December 19, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

5 Claims

A modular wire-feeding device, particularly for the feeding of electrode wire at great distances for severe welding conditions, which comprises a wire-feeding block with electric motor and planetary wire-feeding head, built-in into an insulating casing, wherein to the front shield of the electric motor (6) there is fastened an integral current-conducting coolable body (4), made-up of a current and water-conducting pipe (9), a water-outlet pipe (12) and a gas-supply pipe (13), these pipes being connected to a front flange (7) and a rear flange (8), and to the rear shield of the electric motor (6) there is mounted an insulating flange (18), which connects the wire-feeding system (19) of a welding hose (20) and the external surface of the front flange (7), the rear flange (8) and the insulating flange (18) are shaped as supporting surface of the insulating case (2), which is made of two parts with openings (21) provided for manipulations with the wire-feeding head (5), and above the openings (21) and movably on the insulating casing (2) there is mounted a protective cover (22).

Compl. Specn. 14 pages.

Drsg. 4 sheets.

CLASS :

163314

Int. Cl.⁴ — C07 D 211 80

A METHOD FOR PREPARING 1, 4-DIHYDROPYRIDINE DERIVATIVES.

Applicant : INSTITUTO DE INVESTIGACION Y DESARROLLO QUIMICO-BIOLOGICO S.A., OF LUIS CABRERA, 63, 28002 MADRID, SPAIN.

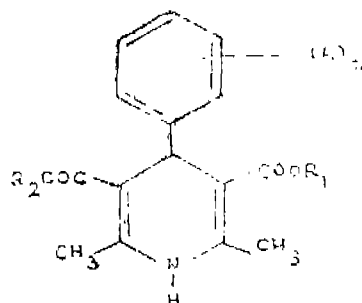
Inventors : (1) MARIA JOSE VERDE CASANOVA (2) JOAQUIN ALVARO GALLANO RAMOS.

Application No. 191/Mas/85 filed March 14, 1985.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

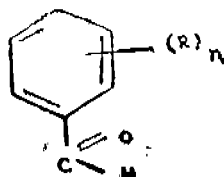
2 Claims

A method for preparing 1, 4-dihydropyridine derivatives of the general formula I of the accompanying drawings

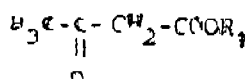


and their acid addition salts, wherein R is a hydroxy group, a C₁-C₄ linear or branched unsubstituted or substituted alkoxy group such as methoxy or methoxy-methoxy group, or two adjacent R groups are joined together to form an alkylene-dioxy group such as methylenedioxy or ethylenedioxy group, n is 1, 2 or 3, R₁ and R₂ are C₁-C₄ linear or branched, unsubstituted or substituted alkyl groups such as methyl, ethyl,

propyl, isopropyl, butyl, isobutyl, methoxyethyl or 2-pyridyl-methyl groups said method comprises treating a substituted benzaldehyde of formula II of the accompanying drawings,

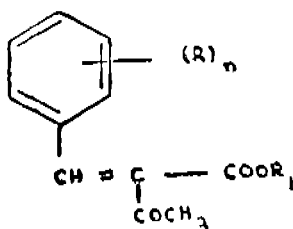


wherein R and n are as defined above with an acetoacetic acid ester of formula III of the accompanying drawings,

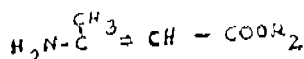


wherein R and n are as defined above with

wherein R1 is as defined above, then treating the resulting α -(acetyl)- β -(substituted phenyl) acrylic acid ester of formula IV of the accompanying drawings



in which R, n and R1 are as defined above with a 3-amino crotonic acid ester of formula V



wherein R2 is as defined above, separating the compound of formula I in a known manner and if desired converting it into the said addition salts with the appropriate acid.

These compounds are potent calcium antagonists and are useful for treatment of hypertension, angina pectoris and other cardiovascular diseases.

Compl. Specn. 23 pages.

Drgs. 1 sheet.

CLASS :

163315

Int. Cl. : B23K 11/24.

A CONTROL DEVICE FOR CONTROLLING CONSTANT CURRENT IN RESISTANCE WELDING MACHINES.

Applicant : DENGENSHA MANUFACTURING COMPANY LIMITED, OF 23-1, MAJUGATA 1-CHOME, TAMA-KU, KAWASAKI-SHI, KANAGAWA, JAPAN, A JAPANESE COMPANY.

Inventor : MASATO FURUDATE.

Application No. 205/MAS/85 filed 19 March, 1985.

Appropriate Office for opposition proceedings (Rule 4, Patents Rule 1072) Patent Office Branch, Madras-2.

2 Claims

A control device for controlling constant current in resistance welding machines comprising means for detecting effective current value and conduction angle of the current flowing in the primary coil or secondary coil of the welding transformer, the output of the said detector means being connected to a power factor angle calculating circuit and a maximum current calculating circuit, the outputs of these are being connected along with the output of a current setting circuit to a control angle calculating circuit whose output is fed to the ignition circuit of a thyristor to control the conduction angle of the thyristor thus controlling the primary current through the welding transformer.

Compl. Specn. 14 pages.

Drgs. 2 sheets.

CLASS :

163316

Int. Cl. : F24B 1/18.

"A STOVE".

Applicant & Inventor : SUPPAIAH MANI, TS NO. 4960 GANDHI NAGAR II STREET, PUDUKKOTTAI TOWN & DISTRICT, TAMIL NADU, INDIA, INDIAN NATIONAL.

Application No. 46/MAS/1986 filed JANUARY 27, 1986.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims

A stove comprising a framework supporting a grate above ground level, the grate being surrounded by a wall leaving an opening for feeding solid fuel therinto, characterized in that the grate is inclined downwardly and is provided with a downwardly inclined chute at the opening for receiving solid fuel thereon, the wall extending along the sides of the chute and the top of the wall being provided with a plurality of rests, the said framework having a surrounding masonry structure.

Compl. Specn. 5 pages.

Drgs. 2 sheets.

CLASS :

163317

4 Claims

Int. Cl.⁴ : C07D 307/62.**A METHOD OF SYNTHESIZING ASCORBATE 2-POLYPHOSPHATE COMPOUND.**

Applicant : KANSAS STATE UNIVERSITY RESEARCH FOUNDATION, A CORPORATION OF THE STATE OF KANSAS, U.S.A., OF 207, FAIRCHILD HALL, MANHATTAN, KANSAS 66506, U.S.A.

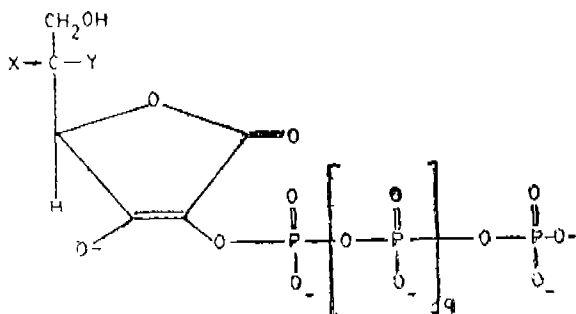
Inventors : (1) PAUL A. SEIB; (2) MING-LONG LIAO.

Application No. 449/Mas/86 filed June 11, 1986.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

A method of synthesizing ascorbate 2-polyposphate compound of formula I.



FORMULA—I

and its salts thereof which comprises reacting ascorbic acid and its salts having a concentration of 0.5 to 4 M with a soluble salt of metaphosphoric acid at a temperature of from 20° to 80°C for a period of 1 to 24 hours in the presence of water and a base to maintain the pH at a level between 9 to 13 during the reaction, wherein the molar ratio of the salt of metaphosphoric acid to ascorbate being 1.5 to 3 and recovering ascorbate 2-polyposphate by any known manner.

The compound prepared according to this invention is a stable source of Vitamin C and can be used as additives in food and pharmacological preparations.

Compl. Specn. 28 pages.

Drgs. 3 sheets.

CLASS :

163318

Int. Cl.⁴ : C 07 D 401/04.**PROCESS FOR PREPARING PYRIDONECARBOXYLIC ACID AND ITS SALTS.**

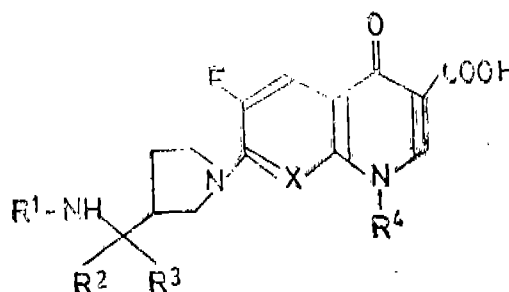
Applicant : DAIICHI SEIYAKU CO., LTD., OF NO. 14-10, NIHONBASHI 3-CHOME, CHUO-KU, TOKYO, JAPAN, A JAPANESE CORPORATION.

Inventors : (1) ISAO HAYAKAWA, (2) SHONGO ATARASHI.

Application No. 473/Mas/86 filed June 18, 1986.

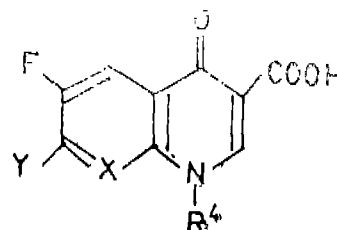
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

A process for preparing a pyridonecarboxylic acid derivative having the general formula I of the accompanying drawings



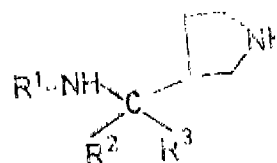
FORMULA—I

wherein R¹, R² and R³ represent each a hydrogen or C—C alkyl group, R⁴ and R⁵ being either the same or different and R² and R³ being not hydrogen at the same time, R¹ may form a methylene chain of the formula : CH₂ n, in which n is 2 to 4 together with R² or H², or R² and R³ may form together a methylene chain of the formula : CH₂ m in which m is 2 to 5, R⁴ represents an ethyl, 2-fluoroethyl, vinyl, isopropyl, isopropenyl or cyclopropyl group and X represents CH, C-F, C-Cl or N and, salt thereof by reacting a compound having the formula II of the accompanying drawings



FORMULA—II

wherein R⁴ and X are as defined above, with a pyridine derivating having the formula III of the accompanying drawings



FORMULA—III

wherein R¹, R² and R³ are as defined above, and Y represents a halogen, the reaction is carried out at a temperature of 20 to 150°C in an inert solvent selected from the group consisting of acetonitrile, tetrahydrofuran, ethanol, chloroform, dimethyl sulfoxide, N, N-dimethylformamide, pyridine, picoline and water, the compound of general formula I of the accompanying drawings is then converted to its salt in a known manner.

The compounds prepared according to this invention are useful as antimicrobial compounds and have excellent pharmacokinetics.

Compl. specn. 84 pages.

Drgs. 12 sheets

CLASS :

163319

Int. Cl.⁴ : C 07 D 405/12.

A PROCESS FOR PREPARING N-(1-CYCLOHEXENYLMETHYL 2-PYRROLIDINYLMETHYL) 8-ETHYLSULPHONYL 1, 5-BENZODIOXEPANE 6-CARBOXAMIDE AND PHYSIOLOGICALLY ACCEPTABLE SALTS THEREOF.

Applicant : SOCIÉTÉ D'ÉTUDES SCIENTIFIQUES ET INDUSTRIELLES DE L'ÎLE-DE-FRANCE, OF 46 BOULEVARD DE LATOUR-MAUBOURG 75340 PARIS, CEDEX 07, FRANCE : A SOCIÉTÉ ORGANISED UNDER THE LAWS OF FRANCE.

Inventors : DENIS BESANCON & JACQUELINE FRANCE SCHW.

Application No. 540/Mas/86 filed July 15, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

Process for preparing N-(1-cyclohexenylmethyl 2-pyrrolidinylmethyl) 8-ethylsulphonyl 1, 5-benzodioxepane 8-carboxamide and physiologically acceptable salts thereof which comprises reacting 1, 5-benzodioxepane 6-carboxylic acid with sulphuric chlorohydrin at ambient temperature, reacting the resulting 8-chlorosulphonyl 1, 5-benzodioxepane 6-carboxylic acid with sodium bicarbonate and sodium sulphite in presence of water, at 65—80°, then with ethyl iodide, in presence of ethanol and sodium hydroxide at reflux temperature, reacting the resulting 8-ethylsulphonyl 1, 5-benzodioxepane 6-carboxylic acid with thionyl chloride at reflux temperature and then amidifying 8-ethylsulphonyl 1, 5-benzodioxepane 6-carboxylic acid with 1-(1-cyclohexenylmethyl) 2-amine methyl pyrrolidine, in presence of a solvent such as chloroform, at a temperature of about 10°C for obtaining N-(1-cyclohexenylmethyl 2-pyrrolidinyl methyl) 8-ethylsulphonyl 1, 5-benzodioxepane 6-carboxamide, hydrochloride which is then optionally converted into the corresponding base and then optionally, into a physiologically acceptable salt, by conventional methods.

The compound of the invention is useful as a powerful and rapid neuroleptic agent.

Compl. specn. 11 pages.

Drgs. 2 sheets

CLASS :

163320

Int. Cl.⁴ : E 21 B-23/00.

ANNULAR ELECTRICAL CONTACT APPARATUS FOR USE IN DRILL STEM TESTING.

Applicant : SCHLUMBERGER TECHNOLOGY CORPORATION, A CORPORATION OF THE STATE OF TEXAS, 5000 GULF FREEWAY, HOUSTON, TEXAS 77023, U.S.A.

Inventor : CHARLES E. LANCASTER, U.S.A.

Application No. 799/MAS/84; Filed October 25, 1984.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

14 Claims

1. Apparatus for use in well testing characterized by : A tubular housing having an open bore therethrough; annular electrical contact means on a wall of said housing surrounding said bore :

Fluid bypass means extending in said housing externally of said bore for bypassing well fluids past said contact means; and

Locator means in said housing for selectively positioning a running tool having an associated electrical contact means thereon within said bore in a manner such that operation of the running tool is engagable said associated contact means with said annular contact means.

(Complete Specification—19 Pages; Drawings—3 Sheets)

Patent No. 163282

Name : THE BABCOCK & WILCOX COMPANY.

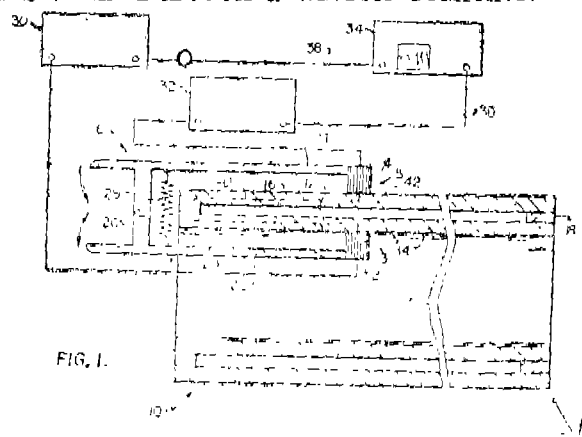
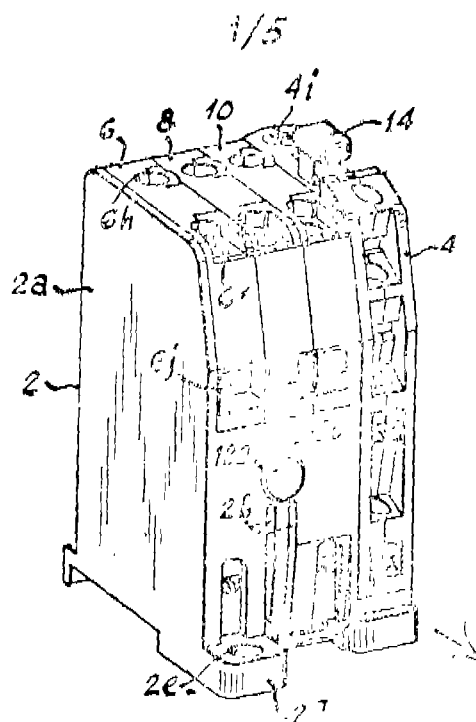


FIG. 1.

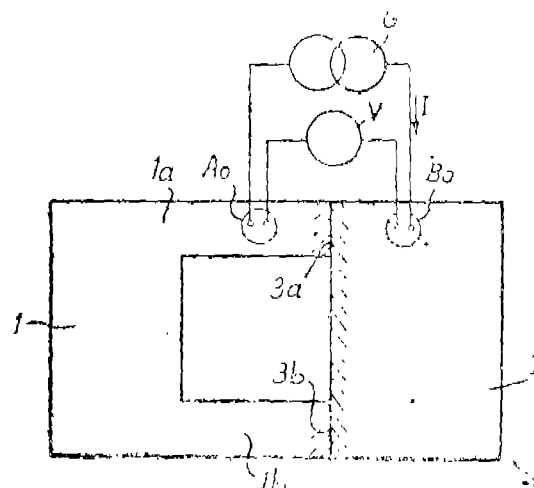
Patent No. 163283

Name : EATON CORPORATION.



Patent No. 163306

SOCIETE NATIONALE INDUSTRIELLE AEROSPATIALE



Patent No. 163310

Name : ENERGY CONVERSION DEVICES INC.

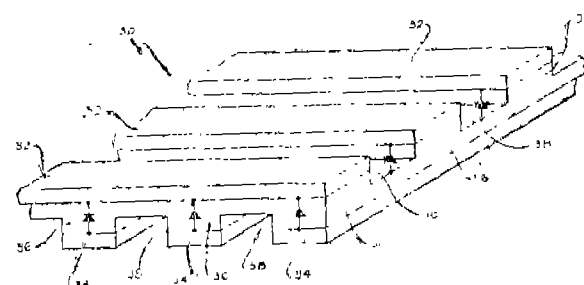


Fig. 1

Patent No. 163284

Name : STOPINE AKTIENGESellschaft.

